

VENN & CARROLL DIAGRAMS

Name:

Assessment Criteria: Continue to use Venn and Carroll diagrams to record their sorting and classifying of information

1. a) Place the following numbers into the Carroll diagram:

8	5	19		A multiple of 2	Not a multiple of 2
35	20	27	A multiple of 3		
93	100	18	Not a multiple of 3		
6	24	29			

b) What do you notice about all the numbers that are placed in the top left cell? Explain why this happens.

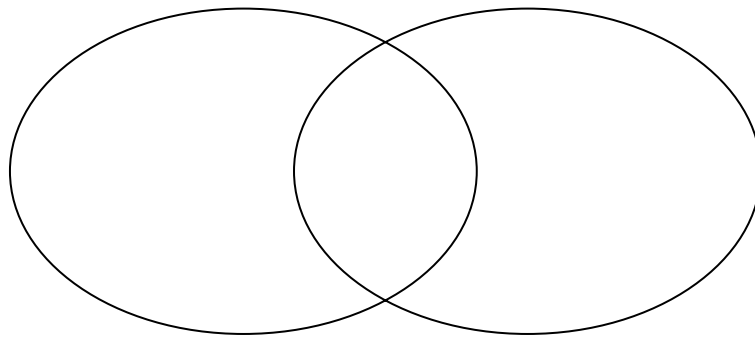
2. a) Complete this Carroll diagram, using the following numbers:

25	27	1		Square number	Not a square number
49	47	36	Odd number of factors		
37	67	64	Even number of factors		
16	9	11			

b) Why do two cells stay blank?

3. a) Place these numbers correctly onto this Venn diagram

4 8 12 16 20 24 28 32 36 40

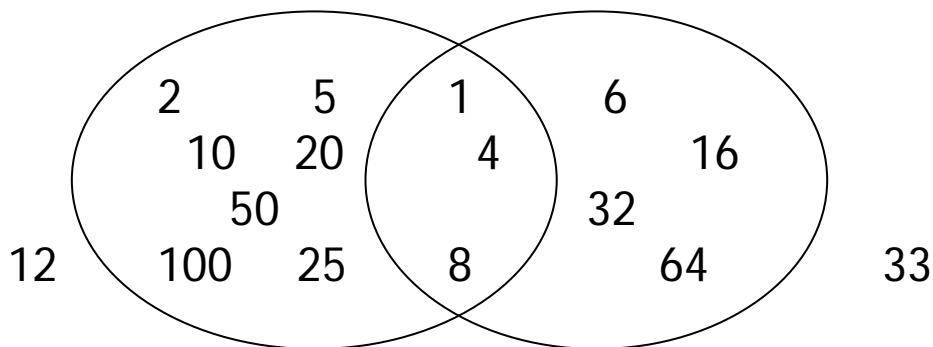


Multiples of 4

Multiples of 8

b) What do you notice?

4. Correct the mistakes in this Venn diagram.



Factors of 100

Factors of 64

Overall, I think my success level is:

Low High

Q	VENN & CARROLL DIAGRAMS	😊	☹
	I can use a Venn diagram to record sorting and classifying of information		
	I can use a Carroll diagram to record sorting and classifying of information		
	I can recognise and describe number relationships including multiple, factor and square		
	<i>I can present information and results in a clear and organised way</i>		

I need to practise ...